

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031320\  
 Data File : VN060494.D  
 Acq On : 13 Mar 2020 12:03  
 Operator : JC/MD  
 Sample : L1762-13  
 Misc : 4.33g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TR-04-031220ME

Quant Time: Mar 16 04:26:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N022720W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 27 13:52:50 2020  
 Response via : Initial Calibration

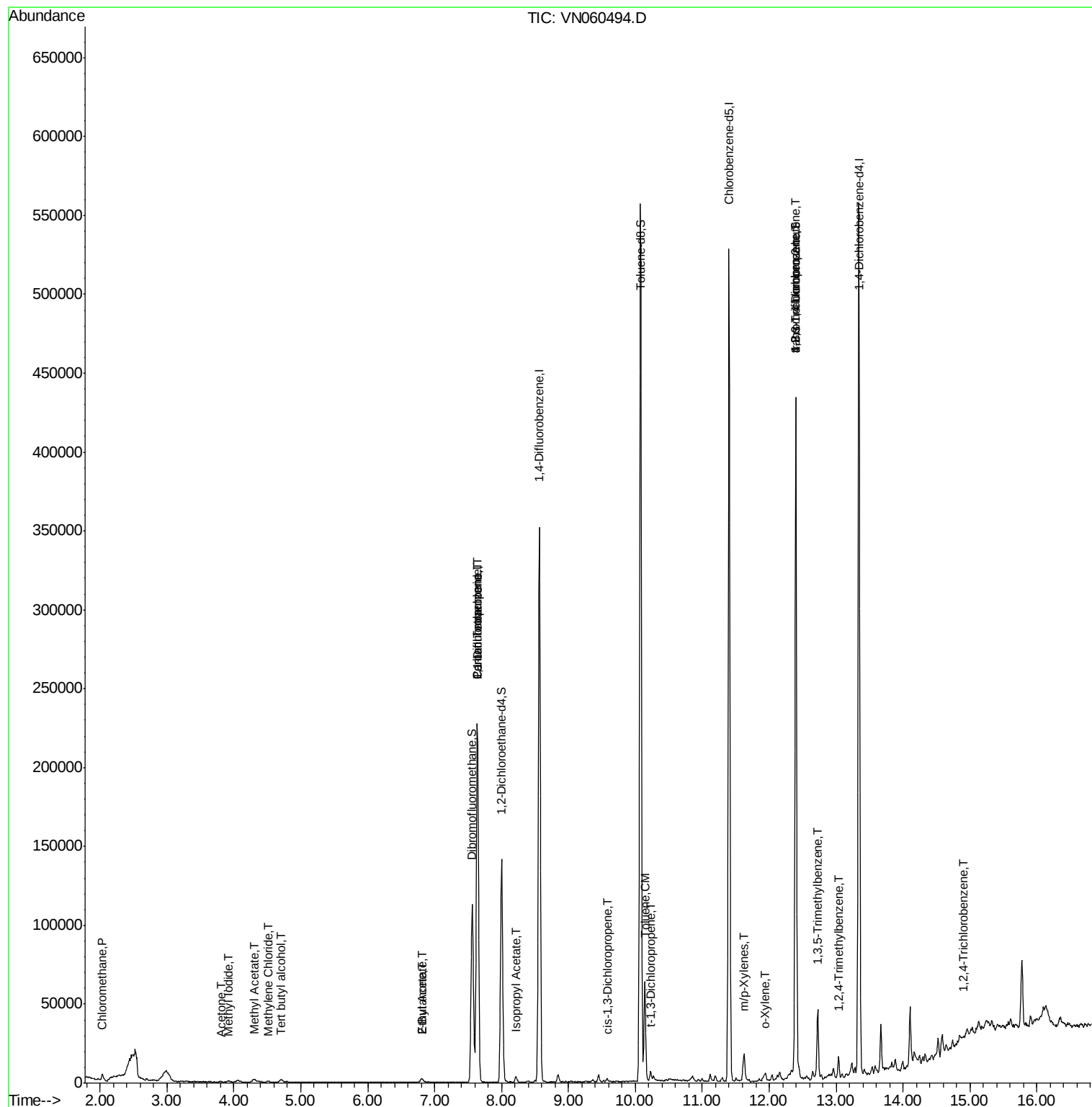
| Internal Standards             | R.T.   | QIon | Response | Conc      | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|-----------|---------|----------|
| 1) Pentafluorobenzene          | 7.64   | 168  | 187155   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 8.56   | 114  | 307617   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 11.40  | 117  | 293487   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 13.34  | 152  | 145127   | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4      | 8.00   | 65   | 119079   | 49.59     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 99.18%  |          |
| 35) Dibromofluoromethane       | 7.56   | 113  | 88293    | 61.84     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 123.68% |          |
| 50) Toluene-d8                 | 10.08  | 98   | 380914   | 52.71     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 105.42% |          |
| 62) 4-Bromofluorobenzene       | 12.40  | 95   | 149012   | 54.40     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 108.80% |          |
| Target Compounds               |        |      |          |           |         |          |
|                                |        |      |          |           | Qvalue  |          |
| 3) Chloromethane               | 2.03   | 50   | 3279     | 1.098     | ug/l    | 96       |
| 5) Bromomethane                | 2.49   | 94   | 561      | Below Cal |         | 94       |
| 10) Methyl Iodide              | 3.91   | 142  | 1315     | 0.778     | ug/l #  | 71       |
| 11) Tert butyl alcohol         | 4.70   | 59   | 598      | 1.677     | ug/l #  | 73       |
| 16) Acetone                    | 3.80   | 43   | 376      | 0.485     | ug/l #  | 44       |
| 17) Carbon Disulfide           | 4.01   | 76   | 177      | Below Cal | #       | 75       |
| 18) Methyl Acetate             | 4.30   | 43   | 4859     | 1.878     | ug/l #  | 62       |
| 20) Methylene Chloride         | 4.52   | 84   | 433      | 0.203     | ug/l #  | 28       |
| 25) 2-Butanone                 | 6.82   | 43   | 2954     | 2.358     | ug/l    | 97       |
| 31) Cyclohexane                | 7.64   | 56   | 4230     | Below Cal | #       | 1        |
| 36) 1,1-Dichloropropene        | 7.64   | 75   | 14396    | 4.910     | ug/l #  | 49       |
| 37) Ethyl Acetate              | 6.82   | 43   | 2954     | 1.064     | ug/l #  | 68       |
| 38) Carbon Tetrachloride       | 7.64   | 117  | 17857    | 6.256     | ug/l #  | 16       |
| 43) Isopropyl Acetate          | 8.22   | 43   | 1528     | 0.314     | ug/l #  | 55       |
| 52) Toluene                    | 10.14  | 92   | 24058    | 4.488     | ug/l    | 99       |
| 53) t-1,3-Dichloropropene      | 10.23  | 75   | 3919     | 1.086     | ug/l #  | 44       |
| 54) cis-1,3-Dichloropropene    | 9.58   | 75   | 1903     | 0.509     | ug/l #  | 31       |
| 68) m/p-Xylenes                | 11.61  | 106  | 2954     | 0.725     | ug/l    | 95       |
| 69) o-Xylene                   | 11.94  | 106  | 1201     | 0.309     | ug/l    | 82       |
| 76) 1,2,3-Trichloropropane     | 12.40  | 75   | 76636    | 24.068    | ug/l #  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73  | 105  | 3310     | 0.365     | ug/l    | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.40  | 75   | 76636    | 66.440    | ug/l #  | 8        |
| 84) 1,2,4-Trimethylbenzene     | 13.04  | 105  | 8070     | 0.883     | ug/l    | 97       |
| 87) 1,3-Dichlorobenzene        | 13.28  | 146  | 269      | Below Cal | #       | 11       |
| 88) 1,4-Dichlorobenzene        | 13.36  | 146  | 415      | Below Cal | #       | 25       |
| 93) 1,2,4-Trichlorobenzene     | 14.91  | 180  | 548      | 0.275     | ug/l #  | 59       |
| 96) 1,2,3-Trichlorobenzene     | 15.31  | 180  | 420      | Below Cal | #       | 30       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 27 13:52:50 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

Instrument :

MSVOA\_N

ClientSampleId :

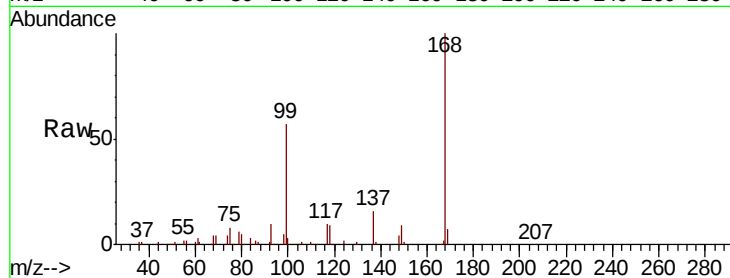
TR-04-031220ME

Tot Ion:168 Resp: 187155

Ion Ratio Lower Upper

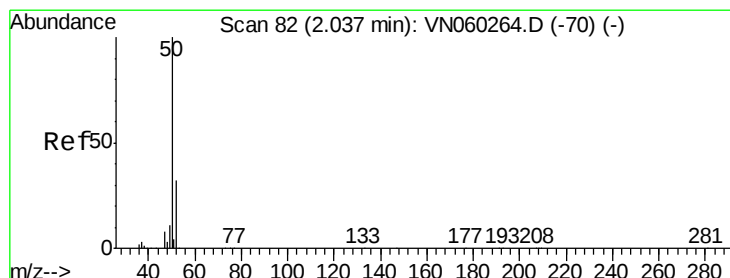
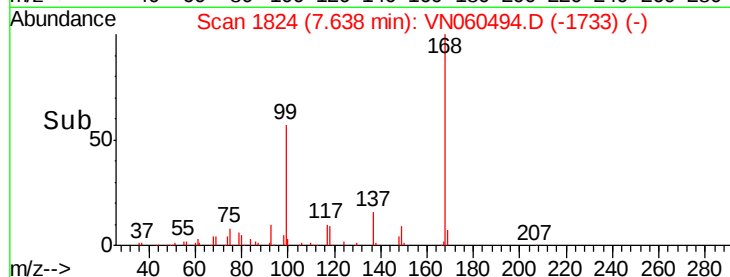
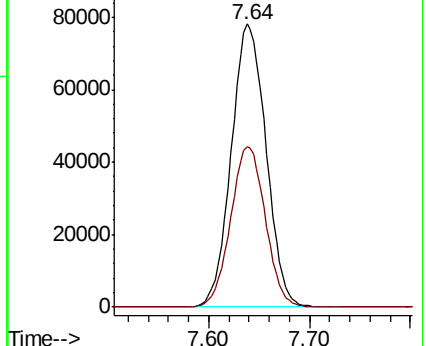
168 100

99 56.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 1.098 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN060494.D

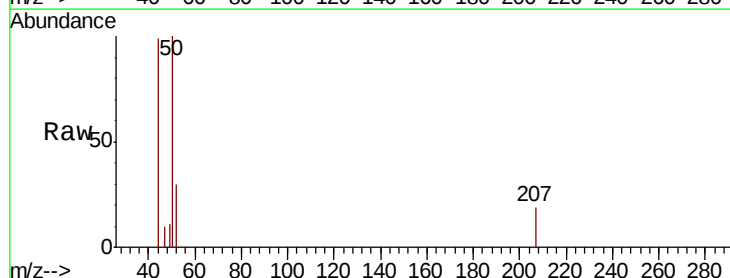
Acq: 13 Mar 2020 12:03

Tgt Ion: 50 Resp: 3279

Ion Ratio Lower Upper

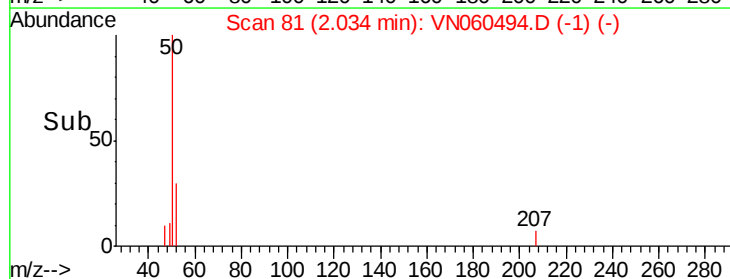
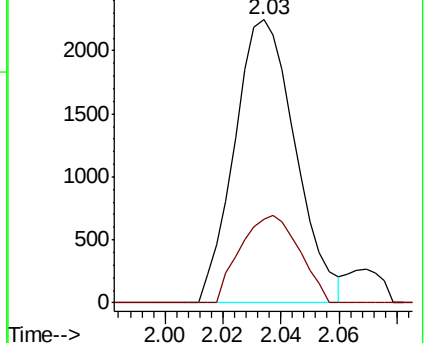
50 100

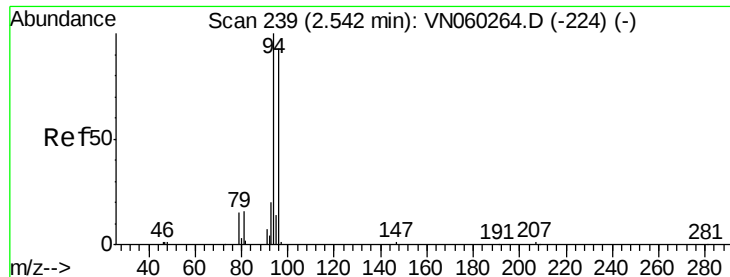
52 29.7 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#5

Bromomethane

Concen: Below Cal

RT: 2.49 min Scan# 222

Delta R.T. -0.05 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

Instrument :

MSVOA\_N

ClientSampleId :

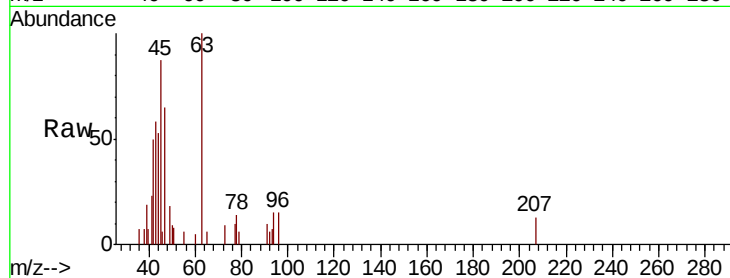
TR-04-031220ME

Tot Ion: 94 Resp: 561

Ion Ratio Lower Upper

94 100

96 98.8 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.49

400

300

200

100

0

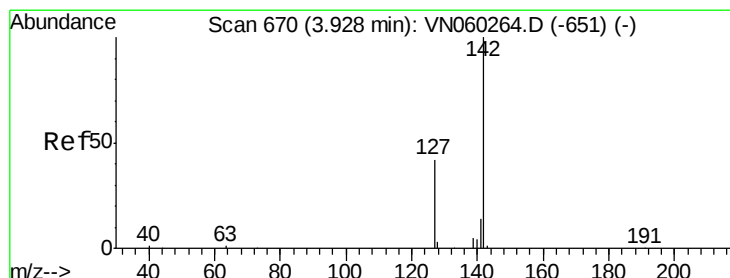
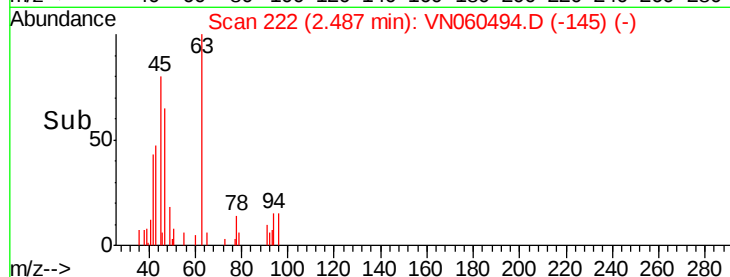
2.46

2.48

2.50

2.52

Time-->



#10

Methyl Iodide

Concen: 0.778 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.02 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

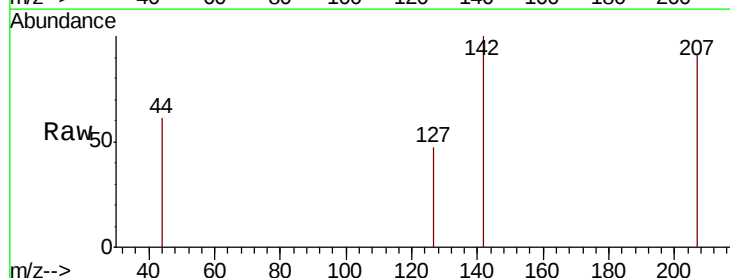
Tgt Ion: 142 Resp: 1315

Ion Ratio Lower Upper

142 100

127 25.2 33.8 50.6#

141 0.0 11.1 16.7#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

600

500

400

300

200

100

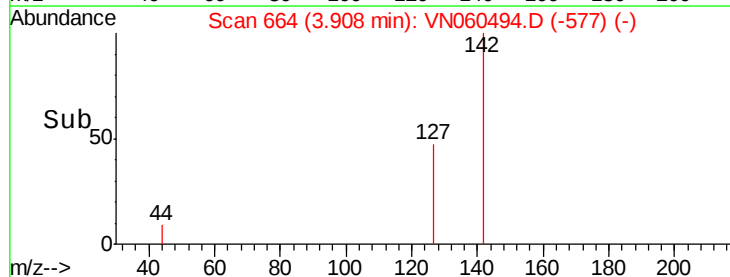
0

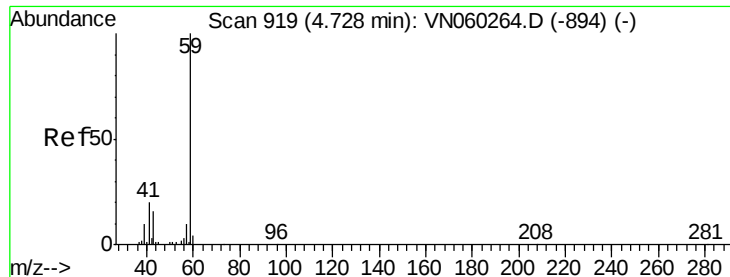
3.85

3.90

3.95

Time-->

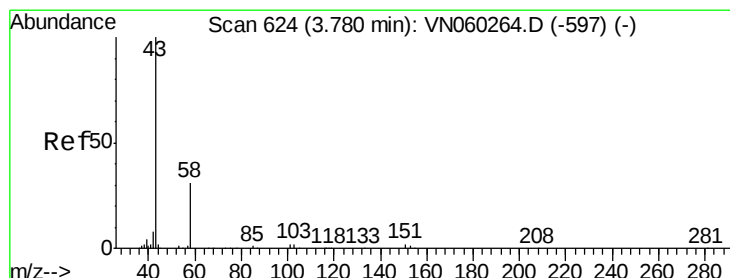
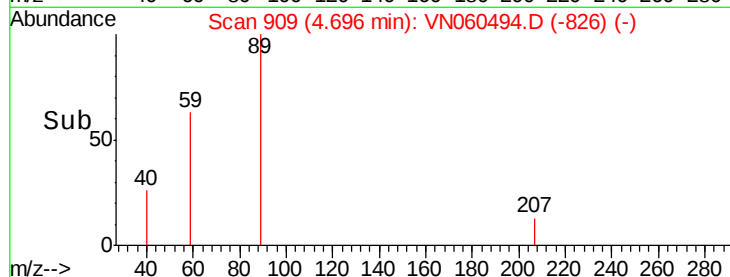
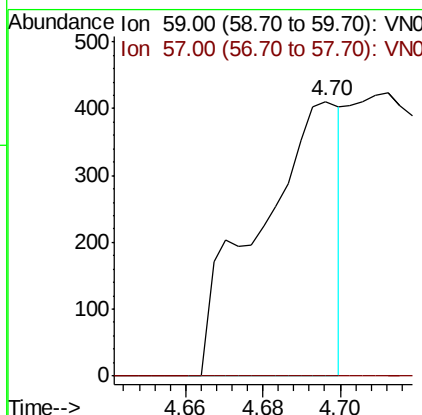
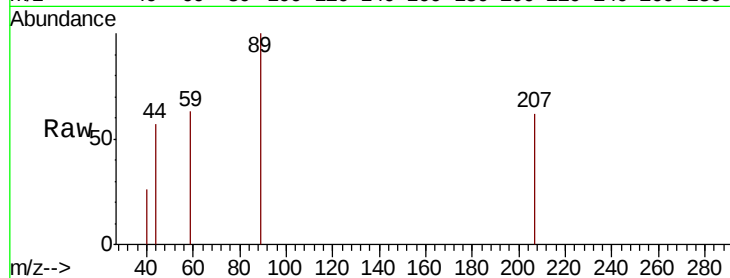




#11  
Tert butyl alcohol  
Concen: 1.677 ug/l  
RT: 4.70 min Scan# 909  
Delta R.T. -0.03 min  
Lab File: VN060494.D  
Acq: 13 Mar 2020 12:03

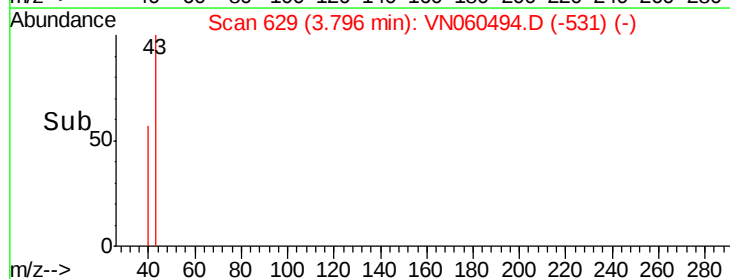
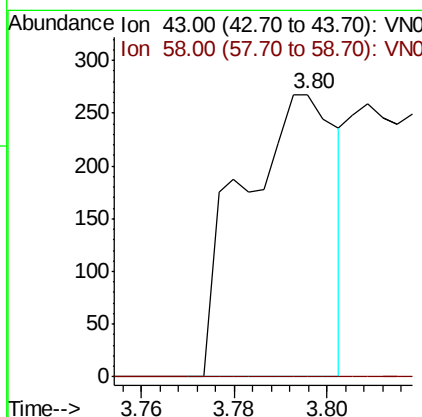
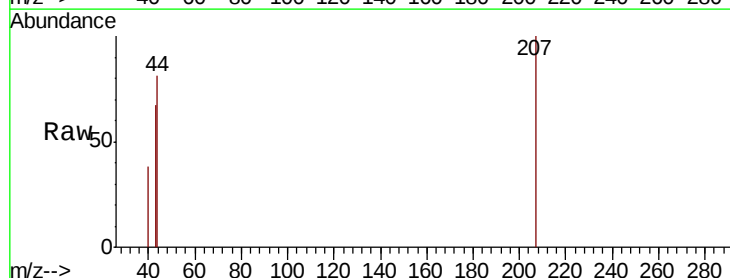
Instrument :  
MSVOA\_N  
ClientSampleId :  
TR-04-031220ME

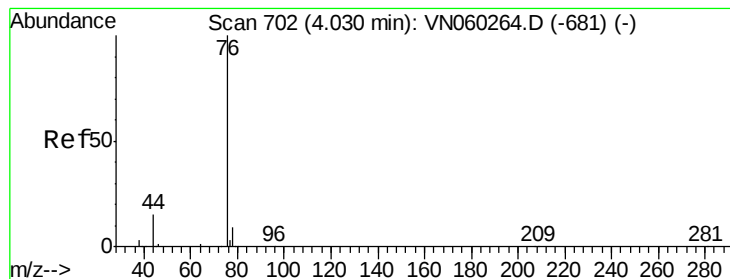
Tot Ion: 59 Resp: 598  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.2#



#16  
Acetone  
Concen: 0.485 ug/l  
RT: 3.80 min Scan# 629  
Delta R.T. 0.02 min  
Lab File: VN060494.D  
Acq: 13 Mar 2020 12:03

Tgt Ion: 43 Resp: 376  
Ion Ratio Lower Upper  
43 100  
58 0.0 24.6 36.8#





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.01 min Scan# 695

Delta R.T. -0.02 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

Instrument :

MSVOA\_N

ClientSampleId :

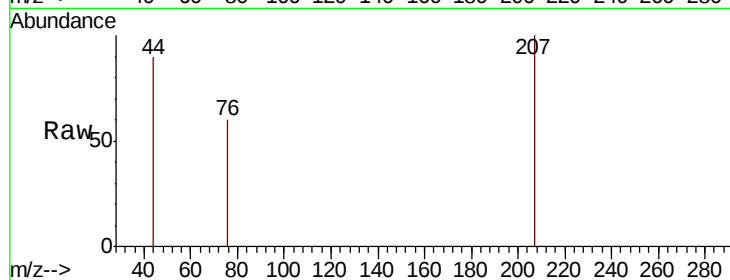
TR-04-031220ME

Tot Ion: 76 Resp: 177

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN060264.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN060264.D (-681) (-)

4.01

250

200

150

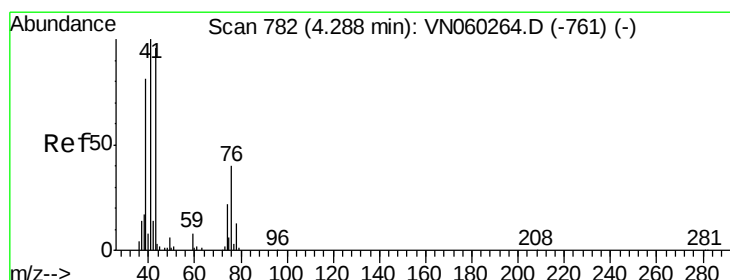
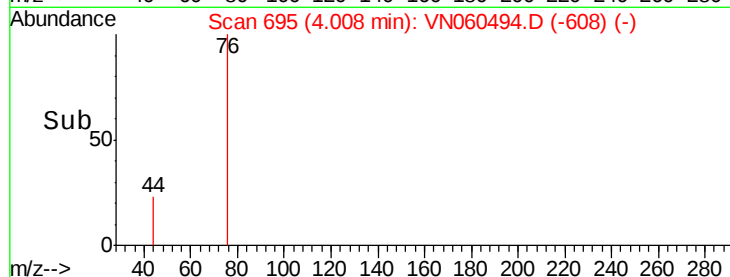
100

50

0

3.99 4.00 4.01 4.02 4.03

Time-->



#18

Methyl Acetate

Concen: 1.878 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.02 min

Lab File: VN060494.D

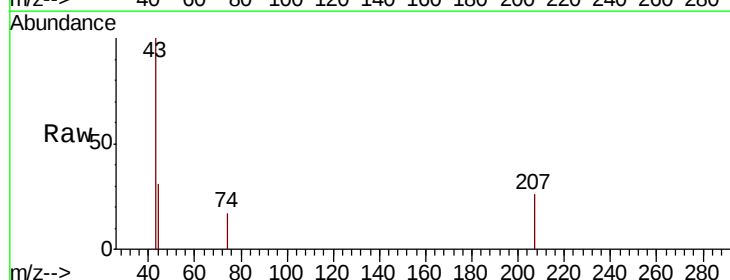
Acq: 13 Mar 2020 12:03

Tgt Ion: 43 Resp: 4859

Ion Ratio Lower Upper

43 100

74 5.0 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-761) (-)

Ion 74.00 (73.70 to 74.70): VN060264.D (-761) (-)

4.30

1500

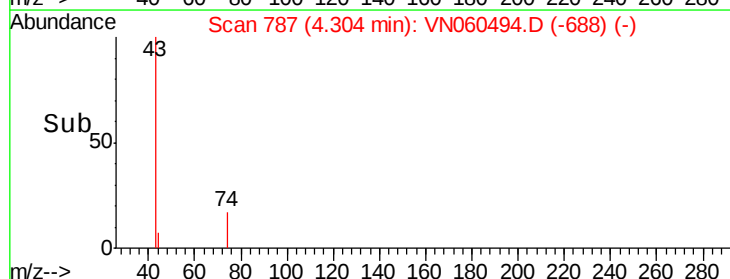
1000

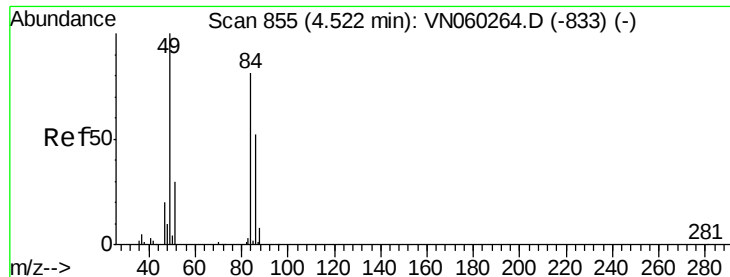
500

0

4.20 4.30 4.40

Time-->





#20

Methvlene Chloride

Concen: 0.203 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

Instrument :

MSVOA\_N

ClientSampleId :

TR-04-031220ME

Tot Ion: 84 Resp: 433

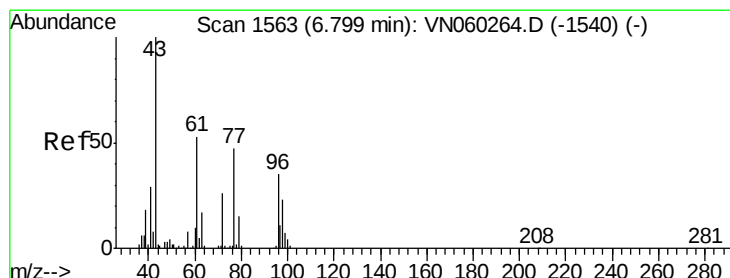
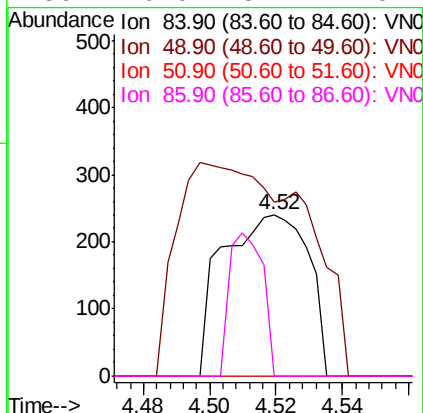
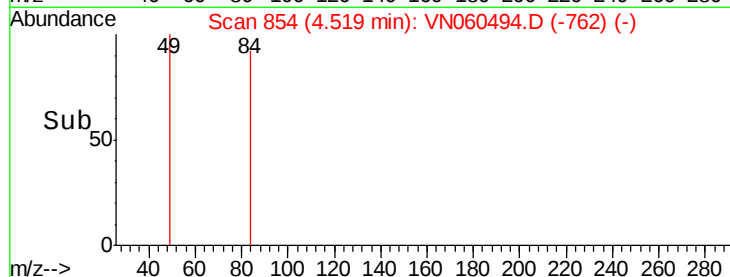
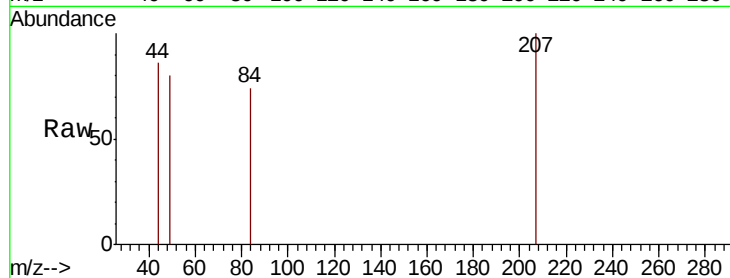
Ion Ratio Lower Upper

84 100

49 45.4 99.3 148.9#

51 0.0 30.1 45.1#

86 0.0 51.1 76.7#



#25

2-Butanone

Concen: 2.358 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. 0.02 min

Lab File: VN060494.D

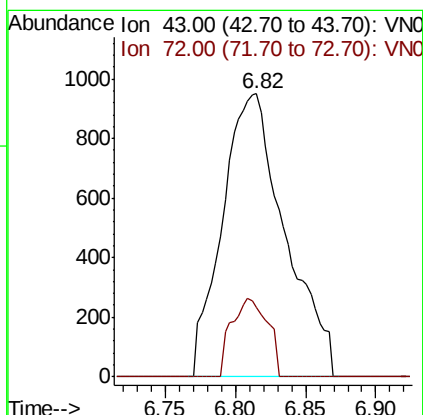
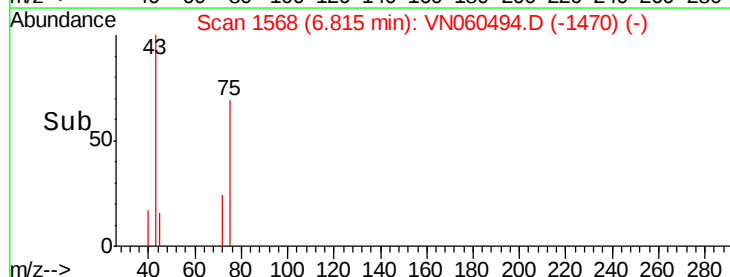
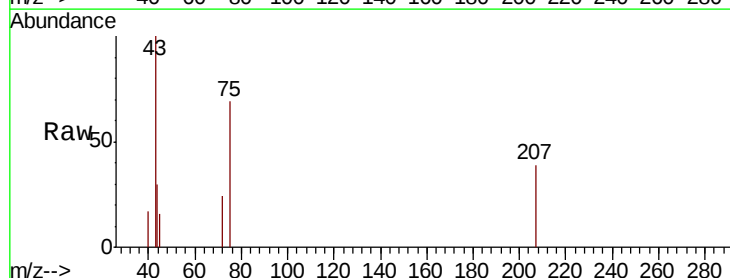
Acq: 13 Mar 2020 12:03

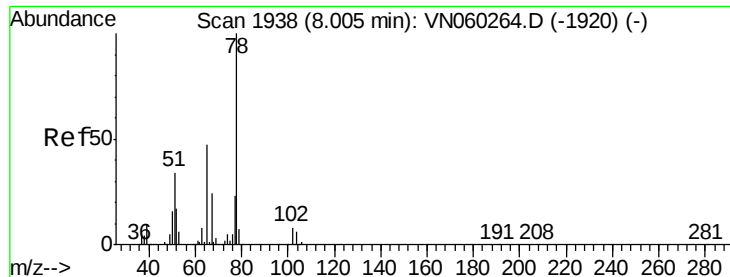
Tgt Ion: 43 Resp: 2954

Ion Ratio Lower Upper

43 100

72 24.4 20.9 31.3





#33

1,2-Dichloroethane-d4

Concen: 49.591 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

Instrument :

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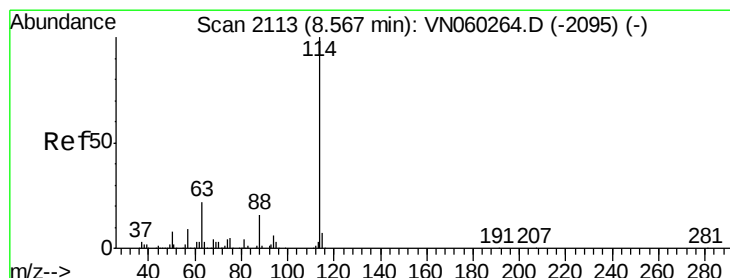
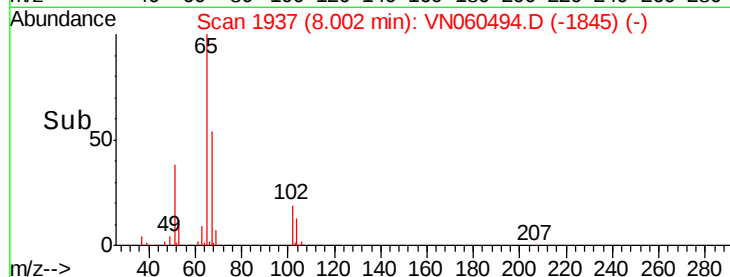
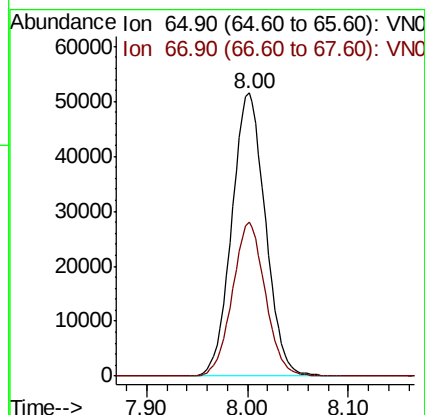
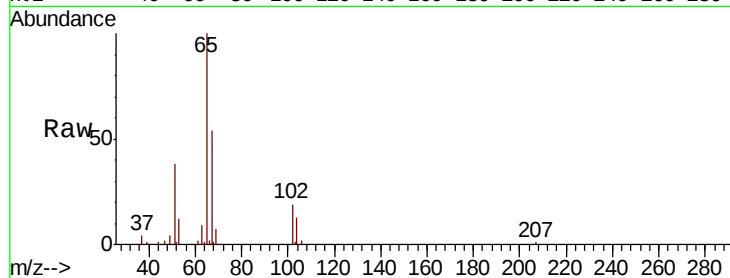
TR-04-031220ME

Tot Ion: 65 Resp: 119079

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

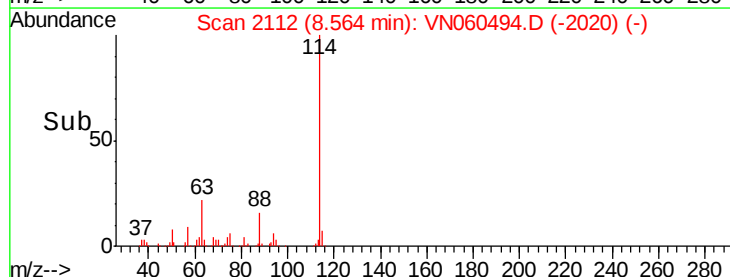
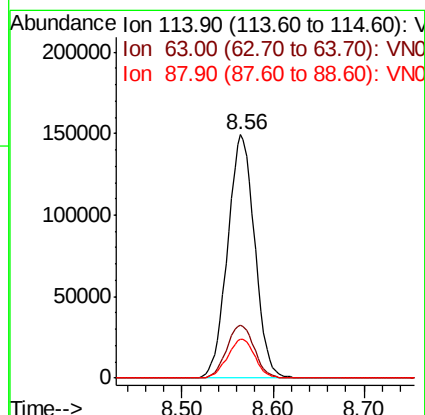
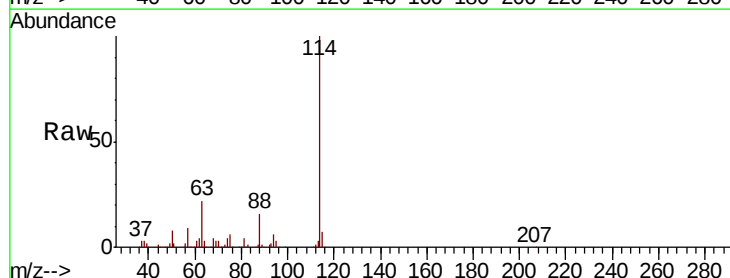
Tgt Ion: 114 Resp: 307617

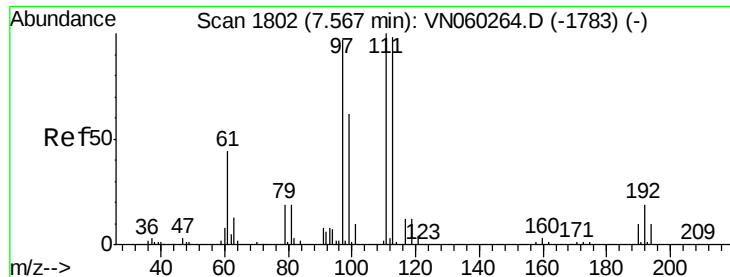
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

88 16.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 61.836 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.01 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

Instrument :

MSVOA\_N

ClientSampleId :

TR-04-031220ME

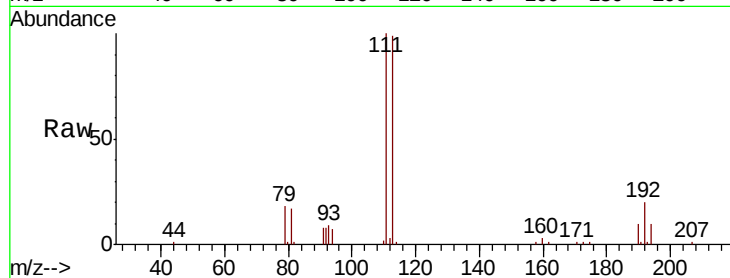
Tot Ion:113 Resp: 88293

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

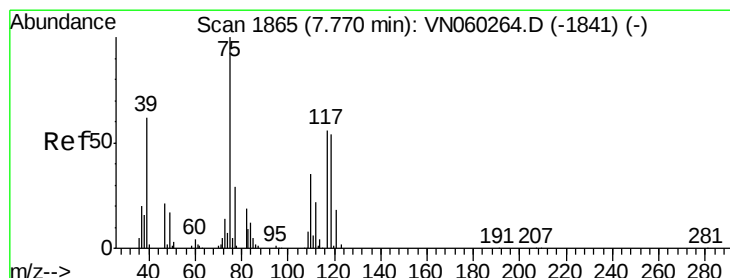
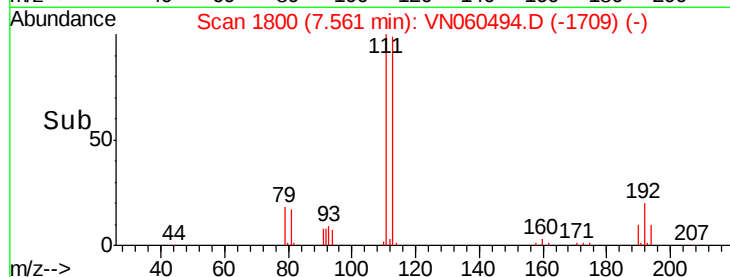
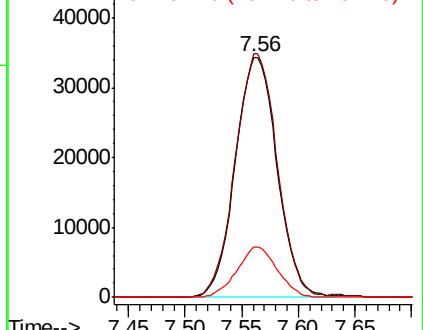
192 20.1 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.910 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.13 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

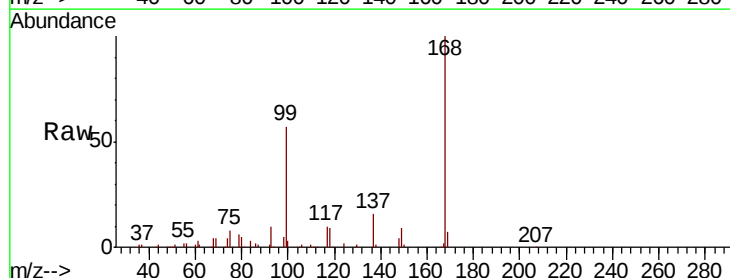
Tgt Ion: 75 Resp: 14396

Ion Ratio Lower Upper

75 100

110 8.0 17.3 52.0#

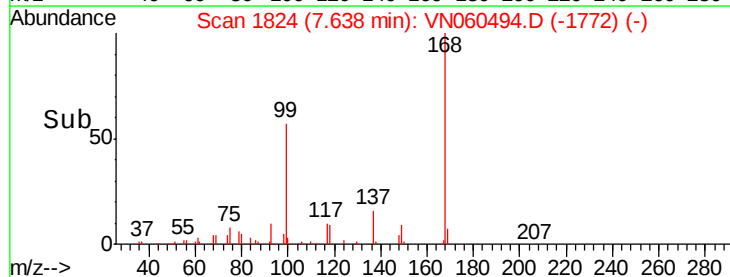
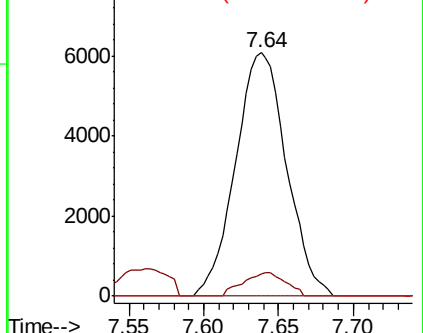
77 0.0 24.2 36.2#

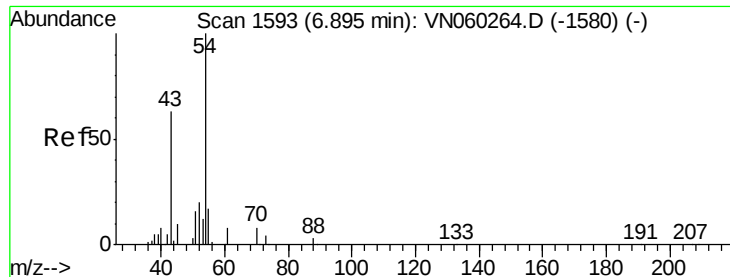


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

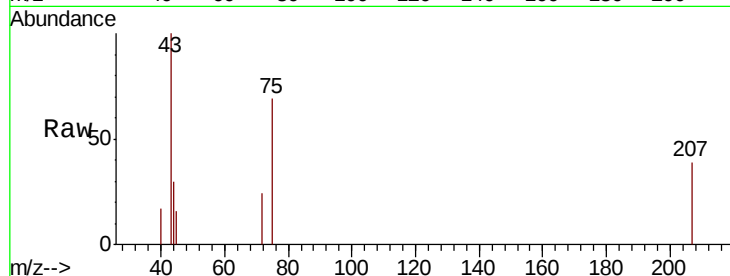




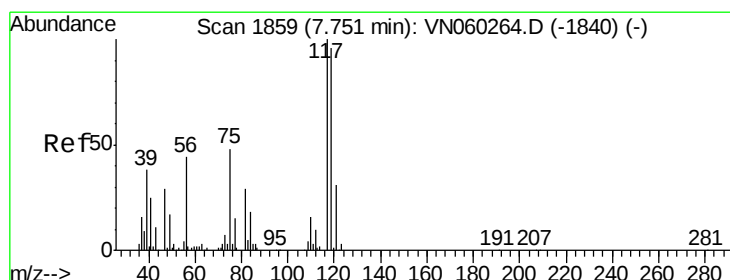
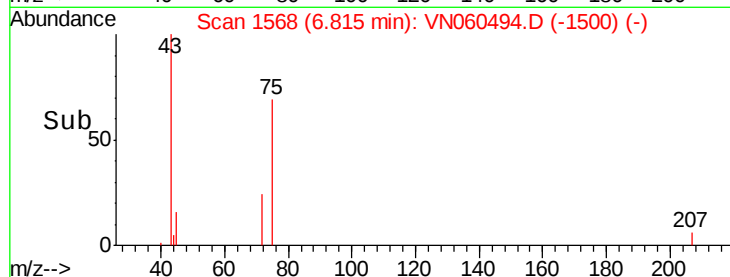
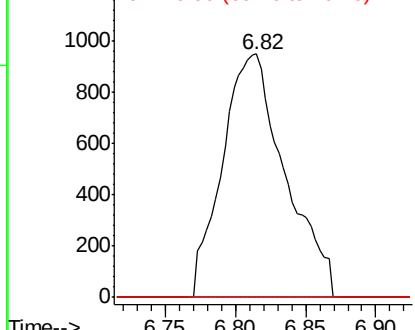
#37  
Ethyl Acetate  
Concen: 1.064 ug/l  
RT: 6.82 min Scan# 1568  
Delta R.T. -0.08 min  
Lab File: VN060494.D  
Acq: 13 Mar 2020 12:03

Instrument :  
MSVOA\_N  
ClientSampleId :  
TR-04-031220ME

Tot Ion: 43 Resp: 2954  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.1 16.7#  
70 0.0 8.4 12.6#

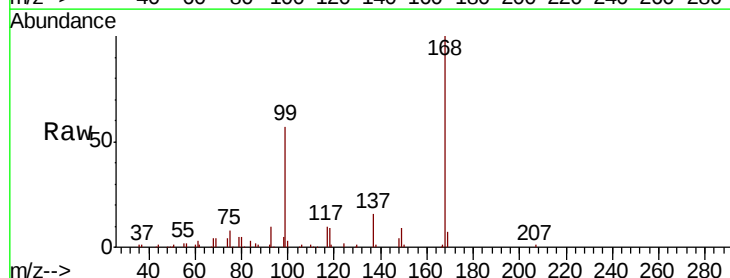


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

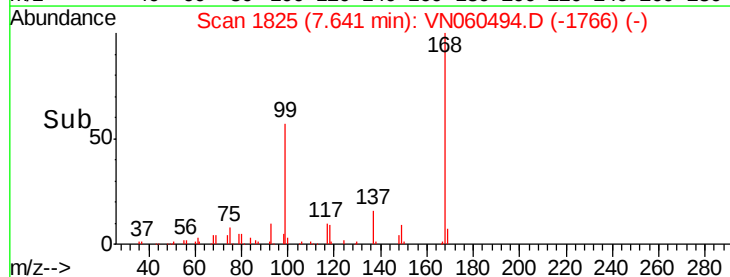
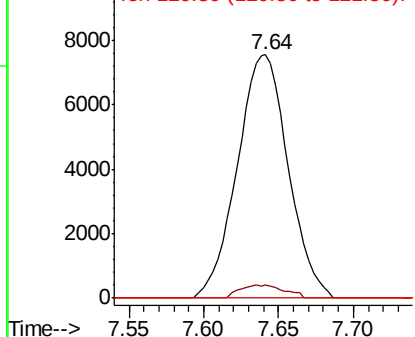


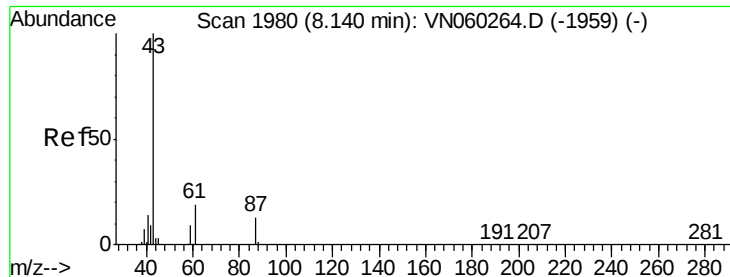
#38  
Carbon Tetrachloride  
Concen: 6.256 ug/l  
RT: 7.64 min Scan# 1825  
Delta R.T. -0.11 min  
Lab File: VN060494.D  
Acq: 13 Mar 2020 12:03

Tgt Ion: 117 Resp: 17857  
Ion Ratio Lower Upper  
117 100  
119 5.2 76.7 115.1#  
121 0.0 24.5 36.7#



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 0.314 ug/l

RT: 8.22 min Scan# 2005

Delta R.T. 0.08 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

Instrument :

MSVOA\_N

ClientSampleId :

TR-04-031220ME

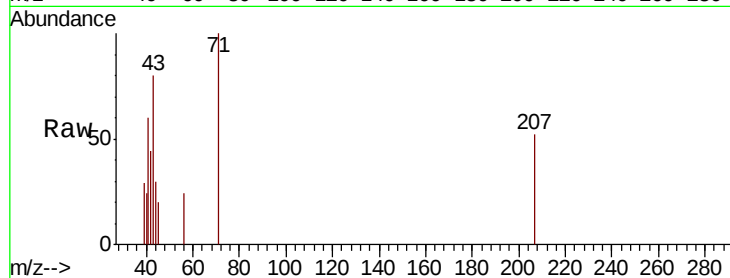
Tot Ion: 43 Resp: 1528

Ion Ratio Lower Upper

43 100

61 0.0 20.9 31.3#

87 0.0 10.6 16.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

8.22

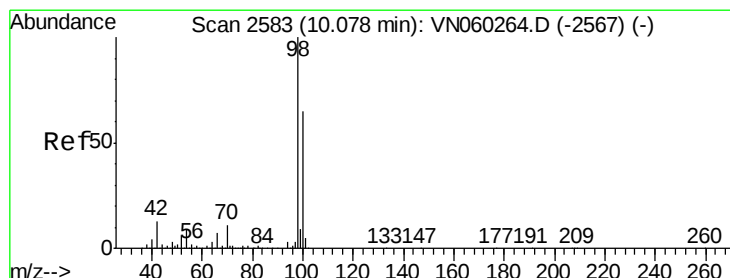
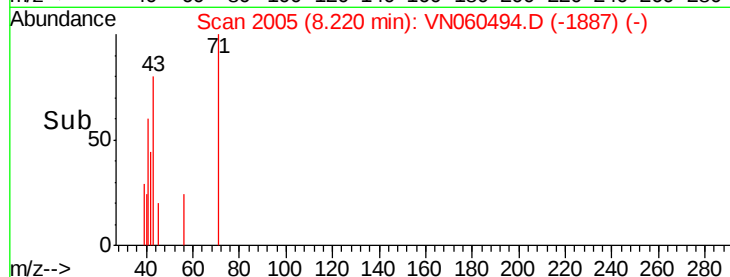
600

400

200

0

Time--> 8.15 8.20 8.25



#50

Toluene-d8

Concen: 52.710 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060494.D

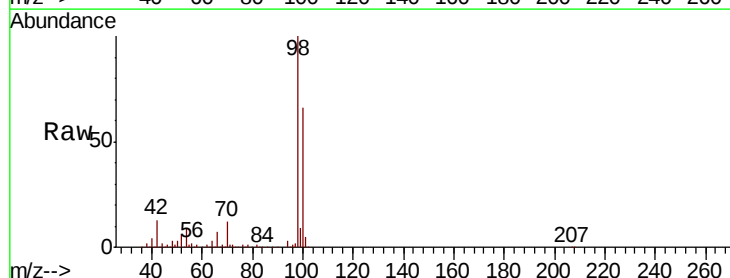
Acq: 13 Mar 2020 12:03

Tgt Ion: 98 Resp: 380914

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

250000

200000

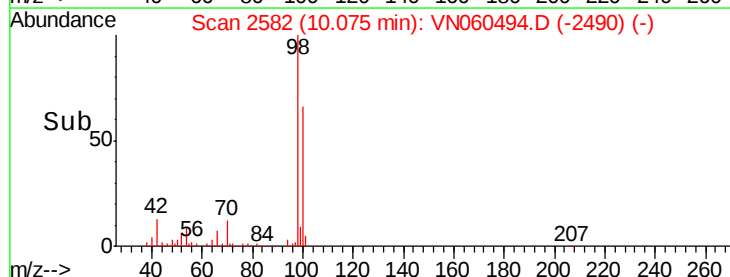
150000

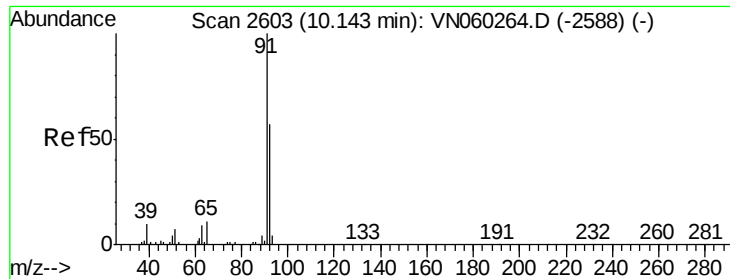
100000

50000

0

Time--> 10.00 10.10 10.20





#52

Toluene

Concen: 4.488 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

Instrument :

MSVOA\_N

ClientSampleId :

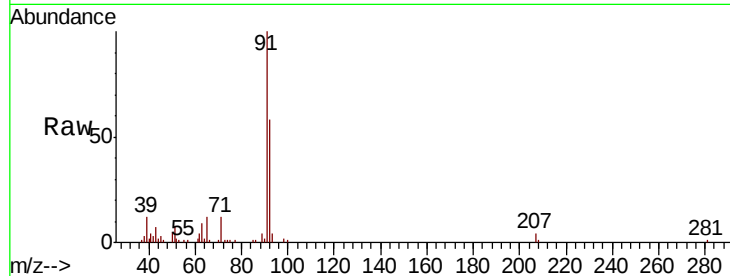
TR-04-031220ME

Tot Ion: 92 Resp: 24058

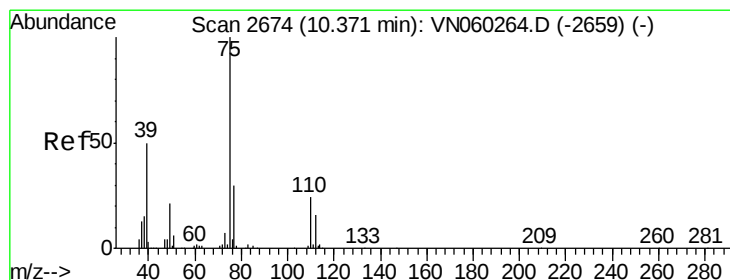
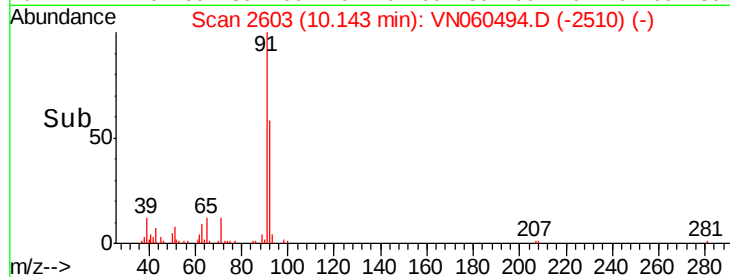
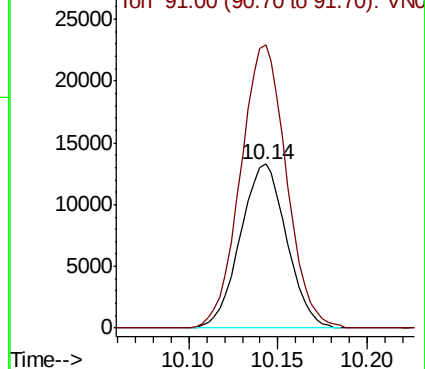
Ion Ratio Lower Upper

92 100

91 171.8 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN060264.D (-2588) (-)



#53

t-1,3-Dichloropropene

Concen: 1.086 ug/l

RT: 10.23 min Scan# 2630

Delta R.T. -0.14 min

Lab File: VN060494.D

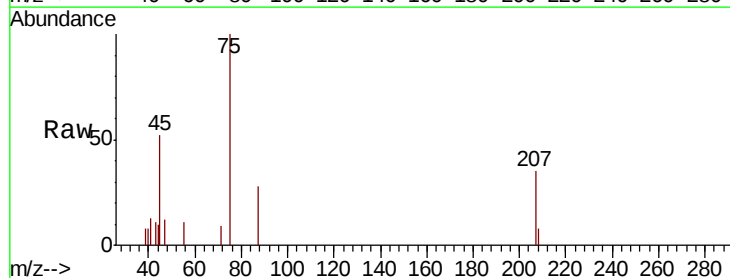
Acq: 13 Mar 2020 12:03

Tgt Ion: 75 Resp: 3919

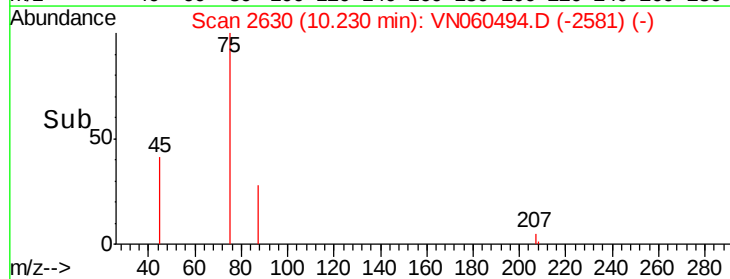
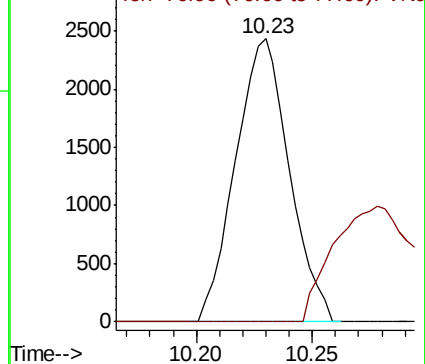
Ion Ratio Lower Upper

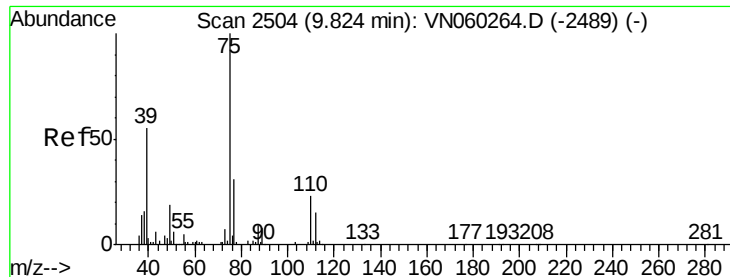
75 100

77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN060264.D (-2659) (-)





#54

cis-1,3-Dichloropropene

Concen: 0.509 ug/l

RT: 9.58 min Scan# 2427

Delta R.T. -0.25 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

Instrument :

MSVOA\_N

ClientSampleId :

TR-04-031220ME

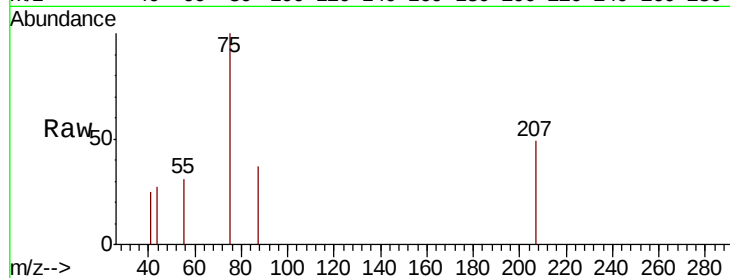
Tot Ion: 75 Resp: 1903

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

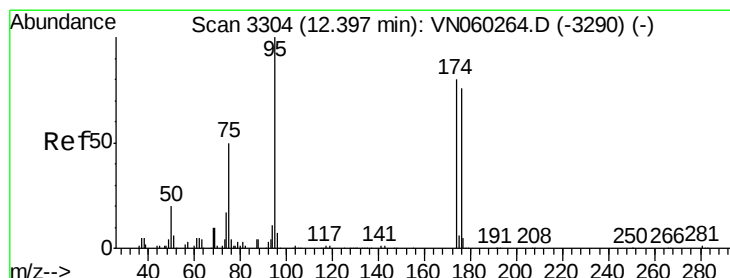
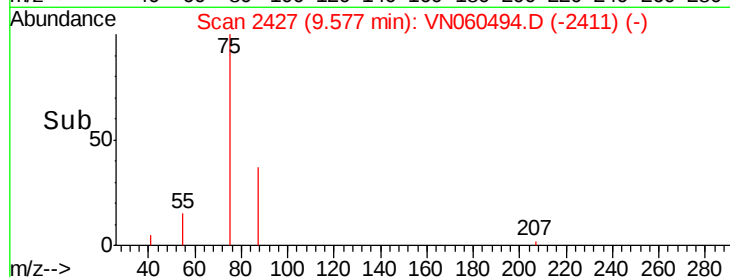
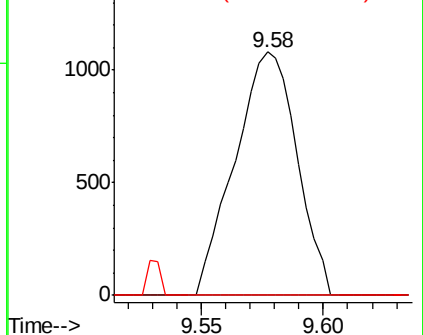
39 0.0 43.8 65.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#62

4-Bromofluorobenzene

Concen: 54.396 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

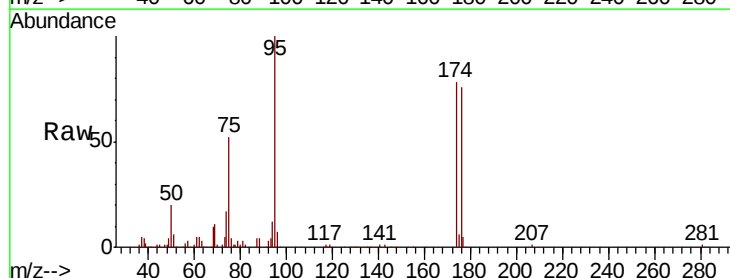
Tgt Ion: 95 Resp: 149012

Ion Ratio Lower Upper

95 100

174 79.0 0.0 159.2

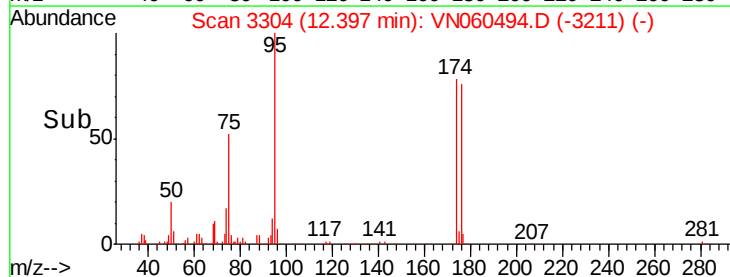
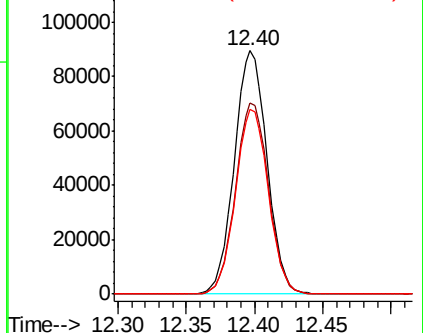
176 76.3 0.0 153.8

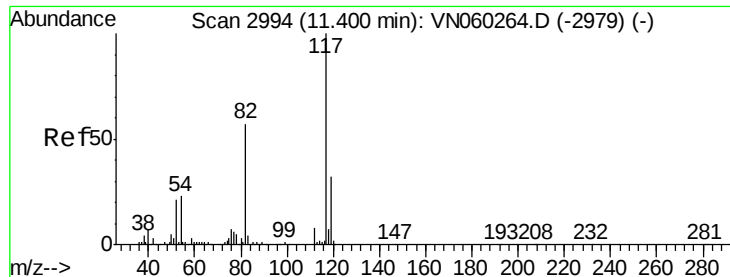


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

Instrument :

MSVOA\_N

ClientSampleId :

TR-04-031220ME

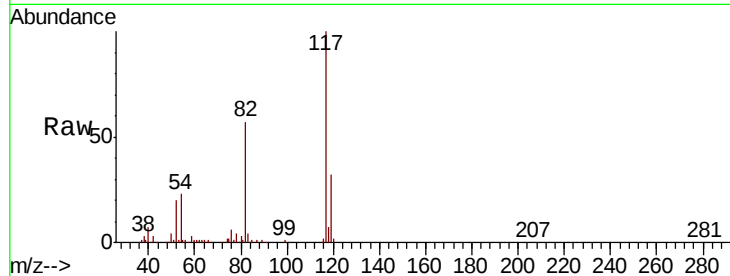
Tot Ion:117 Resp: 293487

Ion Ratio Lower Upper

117 100

82 57.1 45.8 68.6

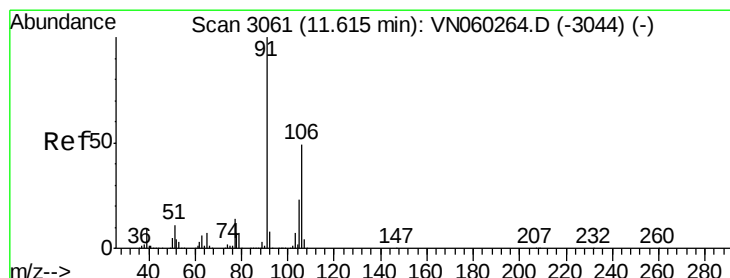
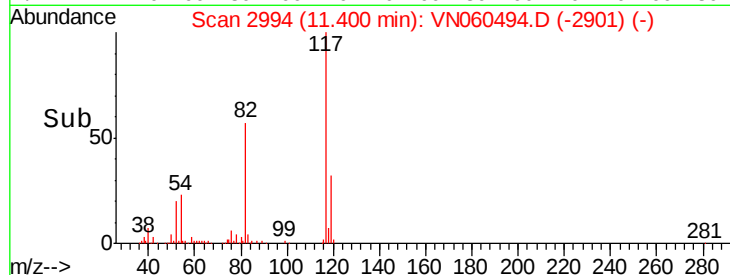
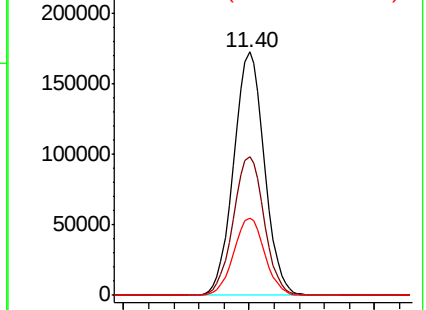
119 31.9 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 0.725 ug/l

RT: 11.61 min Scan# 3059

Delta R.T. -0.01 min

Lab File: VN060494.D

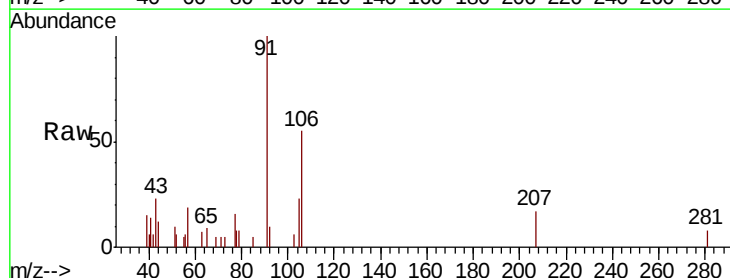
Acq: 13 Mar 2020 12:03

Tgt Ion:106 Resp: 2954

Ion Ratio Lower Upper

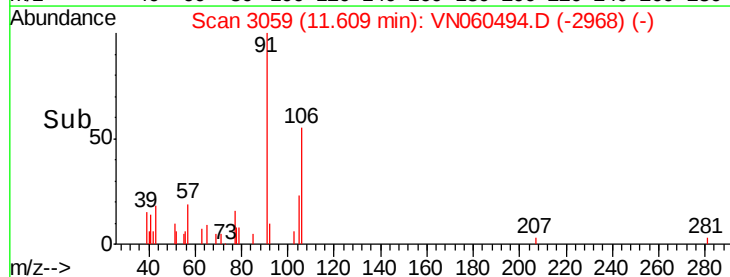
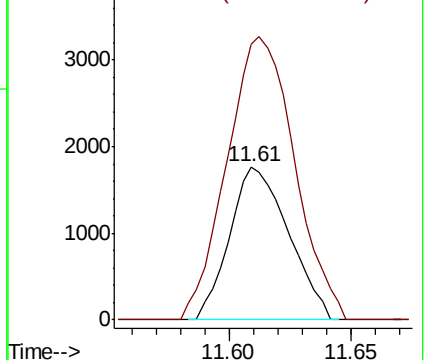
106 100

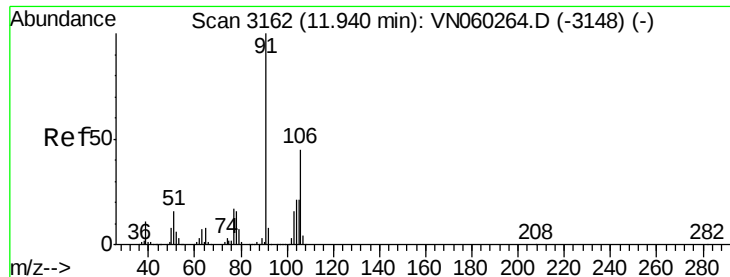
91 212.6 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

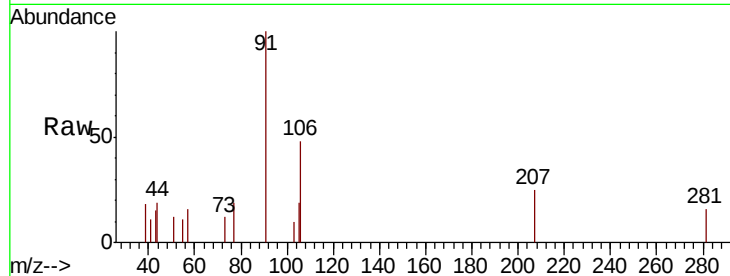




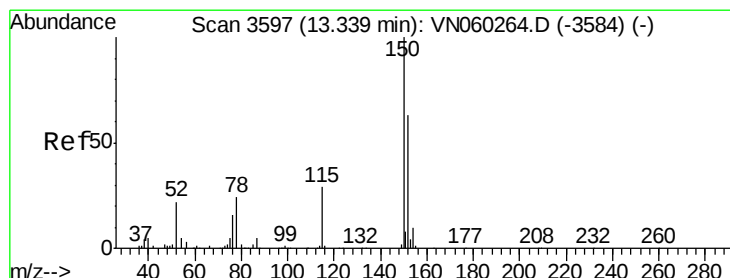
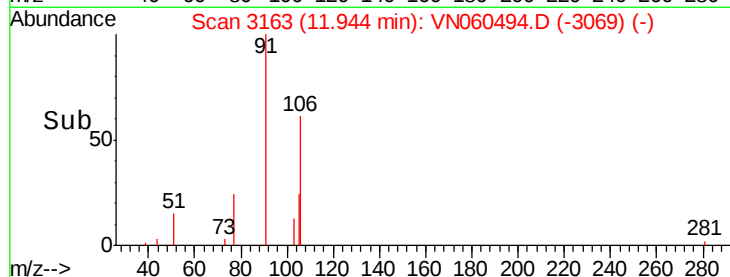
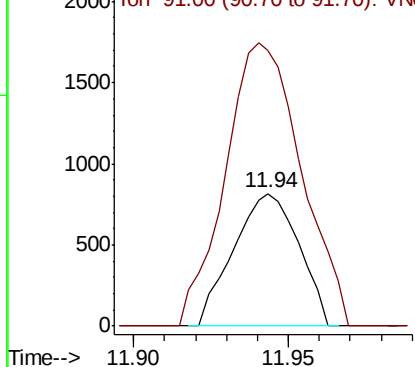
#69  
o-Xylene  
Concen: 0.309 ug/l  
RT: 11.94 min Scan# 3163  
Delta R.T. 0.00 min  
Lab File: VN060494.D  
Acq: 13 Mar 2020 12:03

Instrument :  
MSVOA\_N  
ClientSampleId :  
TR-04-031220ME

Tot Ion:106 Resp: 1201  
Ion Ratio Lower Upper  
106 100  
91 247.8 109.5 328.4

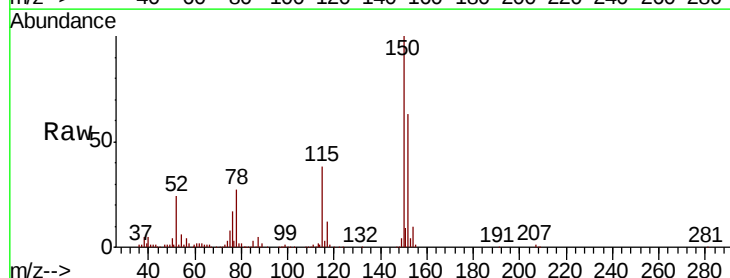


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): V

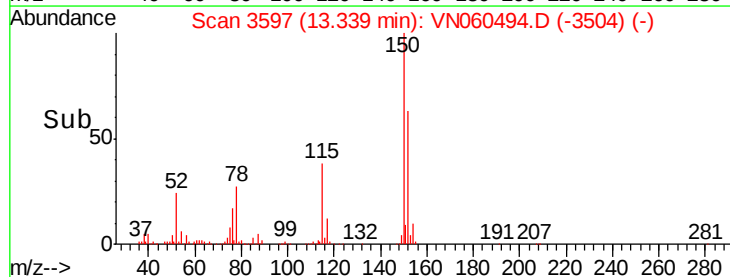
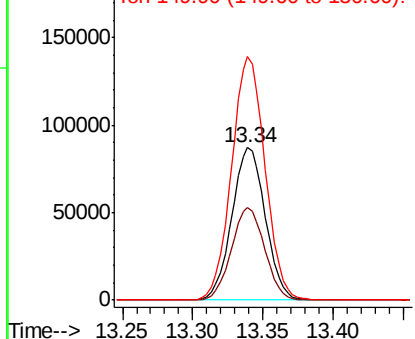


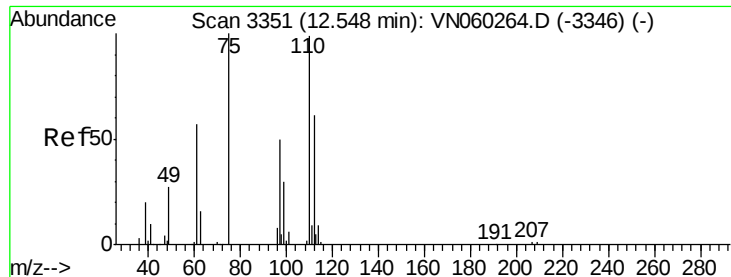
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3597  
Delta R.T. 0.00 min  
Lab File: VN060494.D  
Acq: 13 Mar 2020 12:03

Tgt Ion:152 Resp: 145127  
Ion Ratio Lower Upper  
152 100  
115 60.2 30.0 90.0  
150 159.3 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 24.068 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

Instrument :

MSVOA\_N

ClientSampled :

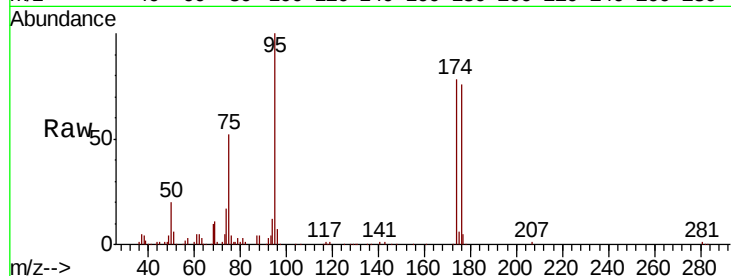
TR-04-031220ME

Tot Ion: 75 Resp: 76636

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN060264.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060264.D (-3346) (-)

12.40

50000

40000

30000

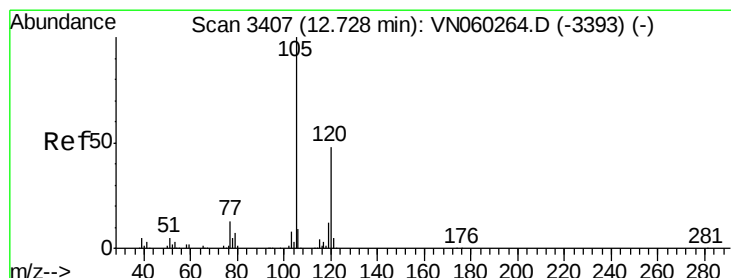
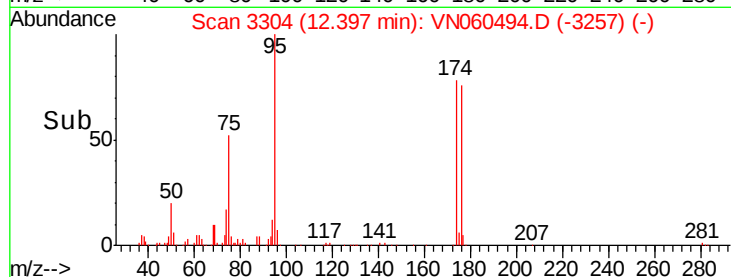
20000

10000

0

12.35 12.40 12.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.365 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060494.D

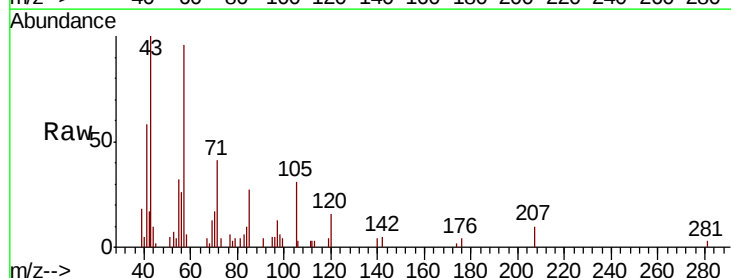
Acq: 13 Mar 2020 12:03

Tgt Ion: 105 Resp: 3310

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060264.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN060264.D (-3393) (-)

12.73

2500

2000

1500

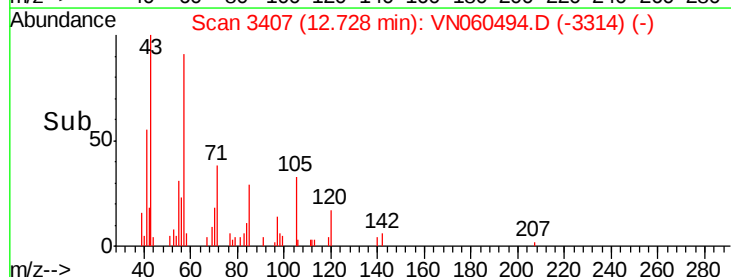
1000

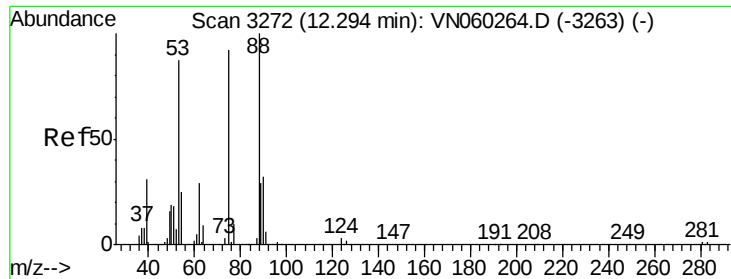
500

0

12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 66.440 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060494.D

Acq: 13 Mar 2020 12:03

Instrument :

MSVOA\_N

ClientSampleId :

TR-04-031220ME

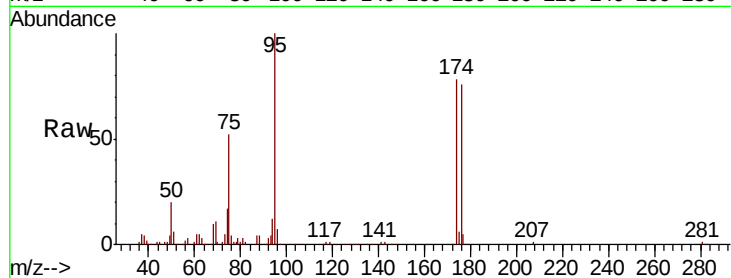
Tot Ion: 75 Resp: 76636

Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

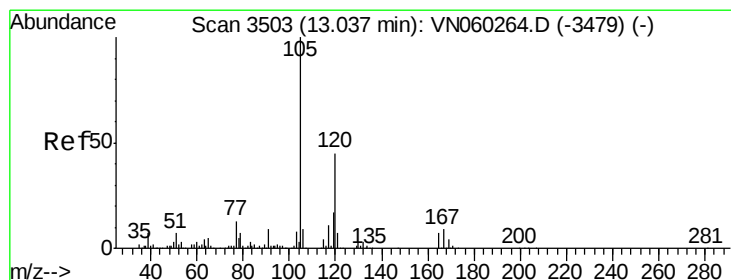
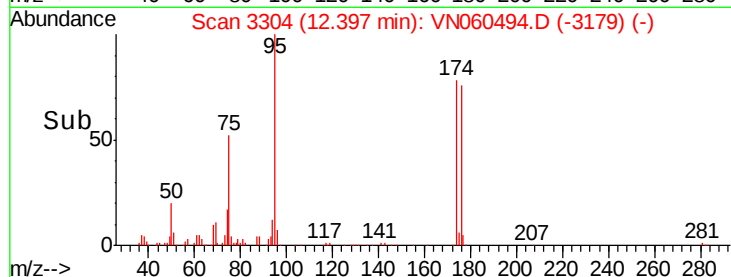
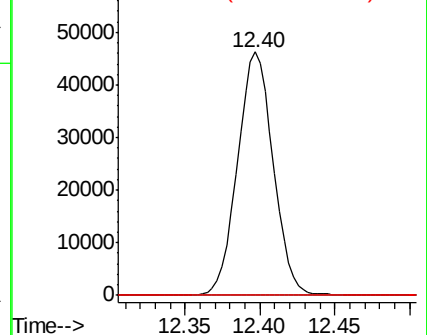
89 0.0 57.1 85.7#



Abundance Ion 74.90 (74.60 to 75.60): VN060264.D (-3263) (-)

Ion 53.00 (52.70 to 53.70): VN060264.D (-3263) (-)

Ion 88.90 (88.60 to 89.60): VN060264.D (-3263) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.883 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060494.D

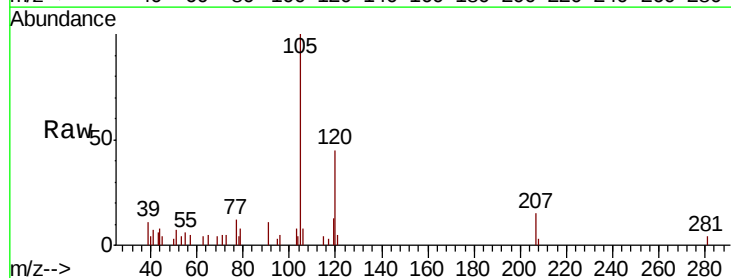
Acq: 13 Mar 2020 12:03

Tgt Ion: 105 Resp: 8070

Ion Ratio Lower Upper

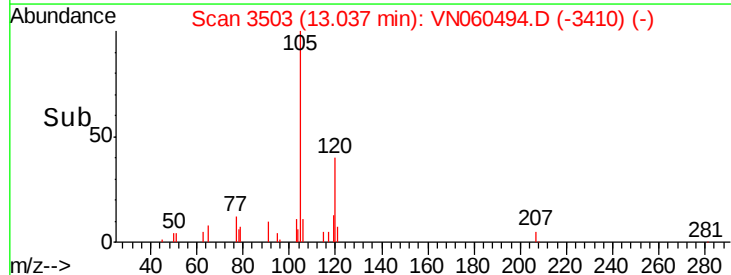
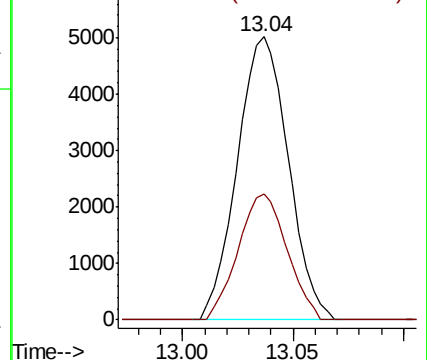
105 100

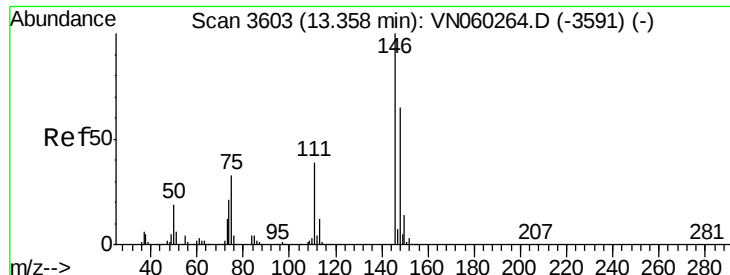
120 42.6 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): VN060264.D (-3479) (-)

Ion 120.00 (119.70 to 120.70): VN060264.D (-3479) (-)

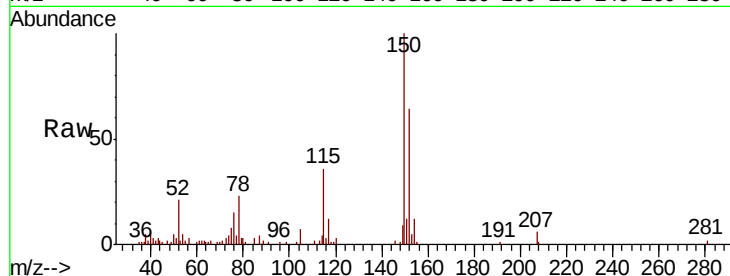




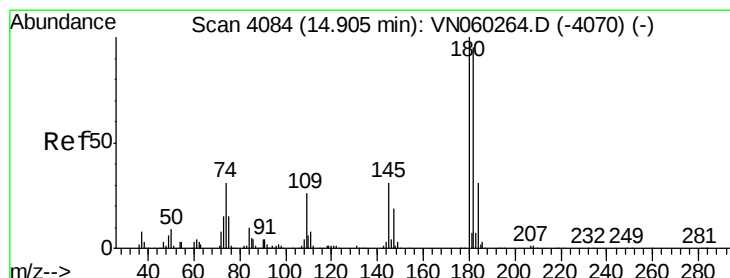
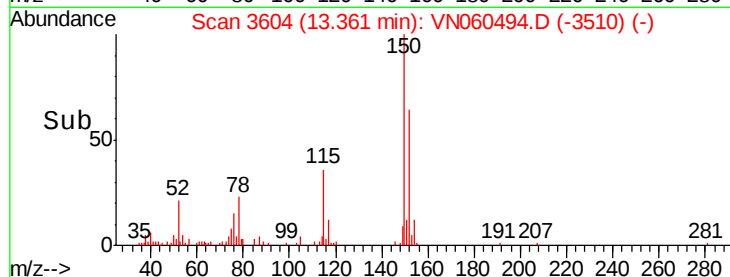
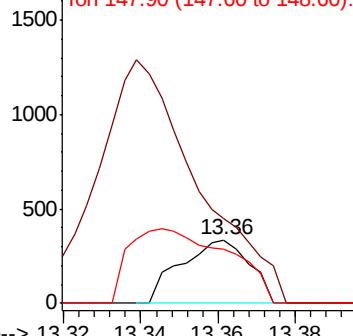
#88  
 1,4-Dichlorobenzene  
 Concen: Below Cal  
 RT: 13.36 min Scan# 3604  
 Delta R.T. 0.00 min  
 Lab File: VN060494.D  
 Acq: 13 Mar 2020 12:03

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TR-04-031220ME

Tot Ion:146 Resp: 415  
 Ion Ratio Lower Upper  
 146 100  
 111 0.0 19.8 59.4#  
 148 0.0 32.3 96.9#

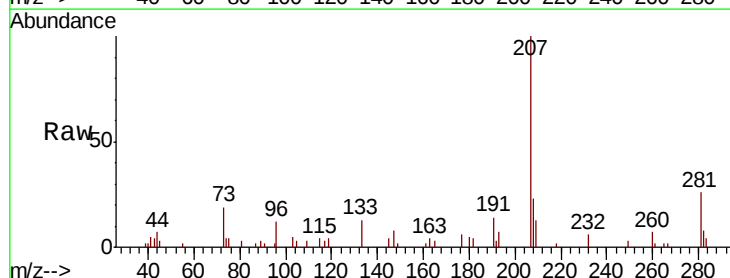


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V



#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.275 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. 0.01 min  
 Lab File: VN060494.D  
 Acq: 13 Mar 2020 12:03

Tgt Ion:180 Resp: 548  
 Ion Ratio Lower Upper  
 180 100  
 182 73.5 47.8 143.3  
 145 83.9 15.4 46.1#



Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

